ROSENBAUER L42A-XS

Turntable ladder

L42A-XS acc. to EN 14043 / A2BA030

Technical Data

Chassis	Type	VOLVO FE 280
	Performance	280 hp (205 kW), Euro VI
	Gearbox	semi-automatic
	Drive/wheelbase	4x2, 5800 mm
	Tyres (front, rear)	315/80 R 22.5
	Suspension	front: leaf, rear: leaf
Cabin	Crew/type	1+2, standard, medium
Bodywork	Type	aluminium safety bodywork HLM with integrated lighting with 6 locker rooms with roller shutters, colour: RAL 3000
Jacking system	Type	horizontal-vertical, infinitely variable
	Jacking width	min. 2.50* m, max. 4.80 m
Main control panel	Type	main control stand „M500" with headrest
Ladder set	Type	L42A-XS, fully automatic, 5 sections, with articulated top ladder section, powder-coated, colour: RAL 7016 (anthracite)
	Height	working height: 42 m, cage floor height: 40,3 m
	Control system	CAN bus
	Weighing system	3D-load measuring system by means of load measuring bolts. Permanent measurement of loads and forces which act on the ladder set
	Lifting capacity	lifting eye at the base ladder section: up to 4 t, at the ladder tip: up to 450 kg
Rescue cage	Type	capacity: 400 kg (4 persons), removable multifunction column
	Accesses	4 accesses, thereof 3 at the front and 1 at the rear. 3 accesses are accessible in upright position (with BAs)
Water monitor	Type	Rosenbauer RM15, capacity 2000 l/min, remote-controlled from the main control panel and the cage
Stretcher support	Type	capacity: 250 kg, combi-type (suitable for stretcher, basket- and heavy duty basket stretchers)
Electrics	Power	power supply 230 V / 400 V to the cage
	Generator	portable generator, Rosenbauer 9 kVA,, stowed at the turning frame
Weight	Max. permissible	total 18t, thereof front axle: 8,0t, thereof rear axle(s): 13,0t
	Actual	16,5t (empty, when delivered)
Dimensions	L x w x h	11820 mm x 2500 mm x 3720 mm

The illustrations may show optional extras only available at extra charge.
Changes due to technical development reserved.

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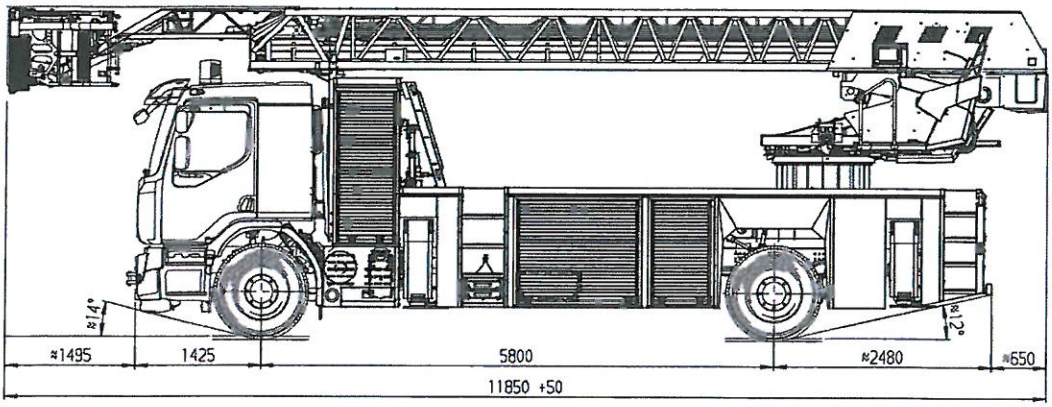

Further Equipment

- colour display in the cabin
- increase speed of the motor when the battery voltage is low
- colour displays at the jack control panels
- feed-in socket 230 V / external air supply type PowAir Box
- battery charger
- 2 LED-beacons on the cabin roof
- 1 LED beacon at the base of the ladder set
- LED lights at the front
- LED lights at the vehicle's sides
- reverse camera at the vehicle's rear, indication at the Rosenbauer display in the cabin
- electronic warning signal with public-address function
- Trucker horn, evacuation horn with button in cabin and main control stand
- back-up warning signal,with synthetic noise, with switch-off function
- intercom system between main control panel and cage
- preparation for later installation of a radio set
- Connected Fleet data logger offline
- locker room illumination with LEDs strips
- area illumination lights in acc. with EN1846T2, with LEDs
- running surface lighting , with LED strips
- chassis lights at the rear as LED version
- 2 x adjustable LED lights 24V 50W at the sides of the base ladder section
- 2 x 24 V/50 W LED-floodlight underneath the base ladder section
- automatic return of the ladder set to the ladder headrest
- ARF (Automatic-Return-Function)
- active vibration damping
- TMS (Target-Memory-System)
- VRS (vertical-rescue-system)
- hose reel at the cage (20 m)
- „TOPEYE", attachment device on cage for descending device (e.g. Rollgliss)
- 2 heavy-duty LED in the cage floor, shining to the front
- 2 x 230V/108 watt LED floodlights,each one on the left and right side of the cage
- camera at the cage boom to monitor the cage-crew, if the cage is out of view
- camera under the rescue cage to monitor the boarding function, display at the main control stand
- anemometer at the cage
- 400 V Emergency drive, supplied by the power generator

Contact

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